IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

Interna	ational A	Applica	tion No.	:	PCT/EP2003/008285
Interna	ational I	Filing D	ate	:	July 28, 2003
Priorit	y Date(s) Clain	ned	:	June 2, 2003
Applic	ant(s) (DO/EO	/US)	:	Lars LIETZAU et al.
Title:	CYCL	OPEN	TA[B]NAPHTI	HALENE DER	IVATIVES
<u>INFO</u>	RMAT	ION D	ISCLOSURE	<u>STATEMENT</u>	UNDER 37 CFR §§ 1.56, 1.97 and 1.98
P.O. B Alexaı	nissione Sox 1450 ndria, V	0	tents 3-1450		
Sir:					
and 1.	This in 98 as fo		ion disclosure s	tatement is mad	e in accordance with 37 C.F.R. §§ 1.56, 1.97
<u>Timin</u>	g and Fo	<u>ees</u>			
\boxtimes			R. § 1.97(b), tement is filed:		nent is required for filing this information
			three months of \$ 1.53(d);	of the filing date	e of a national application other than a CPA
			three months ation; OR	of the actual f	iling date of the national phase of a PCT
	\boxtimes	before RCE).	_	a first substanti	ve office action (including after filing of an
					lisclosure statement is filed after the periods the mailing date of:
			a final rejection	on under 37 C.I	F.R. 1.113;
			termination of OR	f prosecution, e	e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2);
			a notice of all	owance under (37 C.F.R. § 1.311; and

		is acco	ompanied by:
			the statement as specified in 37 C.F.R. § 1.97(e) set out below; OR
			a check covering the fee of under 37 C.F.R. § 1.17(p).
			R. § 1.97(d), this information disclosure statement is filed after the mailing lowing actions which have not been withdrawn:
			a final action under 37 C.F.R. § 1.113;
			termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2); OR
			a notice of allowance under 37 C.F.R. § 1.311;
	AND	is filed	on or before payment of the issue fee; AND is accompanied by:
			the statement as specified in 37 C.F.R. § 1.97(e) as set forth below, and the fee of under 37 C.F.R. § 1.17(p).
Stater	nents U	nder 37	C.F.R. 1.97(e)
			Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application having a mailing date not more than three months prior to the filing date of this information disclosure statement; or
			No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned attorney after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of the information disclosure statement.
Cited	Materia	<u>ls</u>	
		ancest	s of materials listed but not attached were cited in benefit (35 U.S.C. § 120) or application Serial No, on Form 892 by the Examiner and/or Form by the applicant; see 37 C.F.R. § 1.98(d).
	\boxtimes		s of materials listed but not attached were cited in an international search dated <u>December 16, 2003</u> .
		Copie	s of the materials listed are attached (except for the foregoing).

Non-English	Language References
	An English-language search report or equivalent paper from a foreign patent office is provided indicating the relevance of the cited reference(s).
\boxtimes	A foreign-language search report from a foreign patent office is provided, and pertinent parts are translated substantively below:
	 X = document of particular relevance when it is taken alone Y = document of particular relevance when it is combined with another such document A = document defining the general state of the art O = non-written disclosure P = intercalated document T = document cited to understand the theory or principle underlying the
	invention E = patent document which has the benefit of a date earlier than the filing date and which was published only on or after this filing date D = cited in the application L = cited for another reason & = publication of member of same patent family
\boxtimes	Translation of other relevant information on foreign search report
	In the search report, "Seite" means page, "Seiten" means pages, "Verbindungen der Formel" means Figure of formula, "Beispele" means examples, and "das ganze Dokument" means the entire document, "Spalte" means column, "Zeile" means line, "Abbildungen" means claims, "Anspruch" means example, "Zusammenfassung" means summary, and "Tabelle" means table, and "Tabellen" means tables "in der Anmeldung erwaehnt" means cited in the application, "Schema" means scheme, "und" means and, "Absatz" means break, "Abildung" means figure.
Other Information	<u>ation</u>
	ees Due (If Any): ck for \$ covering the fee identified above is attached.
Please	e charge to Deposit Account No. 13-3402 \$ for the fee identified above.

DT05 Rec'd PCT/PTO 18 FEB 2005

The Commissioner is hereby authorized to charge or credit any overpayment to Deposit Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,

Anthony J. Zelano, Reg. No. 27,969

Attorney for Applicants

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Attorney Docket No.: MERCK-2972

Date: February 18, 2005

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Approved for ough 10/31/2002. OMB 0651-0031

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	Substitute	for form 1449A/PTC)			DTOSTRECTHIFTENDIN	18 FFR 200
					Application Number	Unassigned	1 20 6060
	INFO	RMATION	DIS	CLOSURE	Filing Date	February 18, 2005	
	STAT	TEMENT B	Y AF	PLICANT	First Named Inventor	Lars LIETZAU et al.	
					Group Art Unit	Unassigned	
		(use as many she	ets as i	necessary)	Examiner Name	Unassigned	
$\overline{}$	Sheet	1	of	2	Attorney Docket Number	MERCK-2972	

	U.S. PATENT DOCUMENTS							
Examiner Initials *	Cite No.¹	U.S. Patent Doc	ument Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY			
	1	6271411			August 17, 2001			
		-						
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				FOR	EIGN PATENT DOCUME	NTS		
Fuerrines		F	Foreign Patent Docu	ment Kind Code ⁵	Name of Patentee or Applicant of	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
Examiner Initials*	Cite No.1	Office ³	Number⁴	(if known)	Cited Document	MM-DD-YYYY	Figures Appear	T⁵
	2	wo	9846547		Montel Technology Co.	October 22,1998		Equv to cite 1
	3	· DE	4434974		Hoechst AG	April 4, 1996		
	4	wo	0246330		Merck Patent GmbH	June 13, 2002		
	5	EP	1223209		Clariant International	July 17, 2002		

Examiner	Date	
Signature	Considered	

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is attached. Number refers to English language corresponding family member.

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Substitute for	form 1449A/P	то		Complete if Known			
			001105	Application Number	Unassigned		
			.OSURE	Filing Date	February 18, 2005		
STATE	MENT	BY APP	LICANT	First Named Inventor	Lars LIETZAU et al.		
				Group Art Unit	Unassigned		
(us	se as many s	heets as nec	essary)	Examiner Name	Unassigned		
Sheet	2	of	2	Attorney Docket Number	MERCK-2972		

	NON PATENT LITERATURE DOCUMENTS							
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²					
	6	CHEMICAL ABSTRACTS, vol. 122, no. 16, 17. April 1995 Columbus, Ohio, US; abstract no. 201408, YOKOKOJI, OSAMU ET AL: "Fluorine-containing indane derivatives and liquid crystal compositions containing same" XP002248134 & JP 06263663 (ASAHI GLASS CO LTD, JAPAN) 20. September 1994	*					
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